

Q1(TMT) The Thirty Meter Telescope will have a deep view into *space* that will make it possible for scientists to conduct new *research* that can't be done using *existing* telescopes. However, Mauna *Kea* is a mountain of major cultural significance to Native Hawaiians, and many feel that building the telescope would cause *harm* to a sacred space. [The order in which positive and negative descriptions were presented was randomized].

How do *you* feel about building the Thirty Meter Telescope on Mauna Kea?

Strongly support	52%
Somewhat support	12%
Somewhat oppose	8%
Strongly oppose	23%
Does not matter	3%
Unsure	3%
Total	100%

	Combined
Support	64%
Oppose	31%
Does not matter	3%
Unsure	3%
Total	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

Q1 CROSSTABS

	Gender	
	Male	Female
Strongly support	58%	45%
Somewhat support	14%	11%
Somewhat oppose	6%	9%
Strongly oppose	18%	28%
Does not matter	3%	2%
Unsure	1%	4%
	100%	100%

	Gender	
	Male	Female
Support	72%	57%
Oppose	24%	37%
Does not matter	3%	2%
Unsure	1%	4%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Strongly support	28%	62%
Somewhat support	14%	12%
Somewhat oppose	10%	6%
Strongly oppose	44%	15%
Does not matter	2%	3%
Unsure	3%	3%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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	Age_Grp	
	Under 50	50 or older
Support	42%	74%
Oppose	54%	21%
Does not matter	2%	3%
Unsure	3%	3%
	100%	100%

	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Strongly support	53%	66%	38%	35%	57%	21%	56%
Somewhat support	9%	15%	19%	9%	24%	11%	12%
Somewhat oppose	10%	4%	10%	4%	3%	16%	7%
Strongly oppose	25%	8%	27%	44%	0%	48%	23%
Does not matter	1%	3%	1%	4%	9%		2%
Unsure	2%	3%	5%	3%	7%	4%	1%
	100%	100%	100%	100%	100%	100%	100%

	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Support	62%	82%	56%	44%	81%	32%	68%
Oppose	34%	12%	37%	48%	3%	64%	30%
Does not matter	1%	3%	1%	4%	9%		2%
Unsure	2%	3%	5%	3%	7%	4%	1%
	100%	100%	100%	100%	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Strongly support	57%	48%	52%	41%	37%
Somewhat support	14%	8%	8%	15%	15%
Somewhat oppose	7%	13%	6%	5%	11%
Strongly oppose	18%	23%	27%	37%	26%
Does not matter	2%	3%	3%	0%	8%
Unsure	2%	5%	3%	2%	3%
	100%	100%	100%	100%	100%

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Support	70%	56%	60%	56%	52%
Oppose	25%	36%	33%	42%	37%
Does not matter	2%	3%	3%	0%	8%
Unsure	2%	5%	3%	2%	3%
	100%	100%	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Strongly support	53%	55%	51%
Somewhat support	13%	11%	14%
Somewhat oppose	6%	11%	7%
Strongly oppose	24%	16%	25%
Does not matter	2%	5%	2%
Unsure	3%	2%	0%
	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Support	66%	66%	65%
Oppose	29%	27%	32%
Does not matter	2%	5%	2%
Unsure	3%	2%	0%
	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	Politics		
	Liberal/progressive	Moderate	Conservative
Strongly support	48%	58%	57%
Somewhat support	11%	17%	10%
Somewhat oppose	5%	8%	7%
Strongly oppose	31%	15%	20%
Does not matter	2%	2%	4%
Unsure	2%	1%	1%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Support	59%	75%	67%
Oppose	37%	22%	27%
Does not matter	2%	2%	4%
Unsure	2%	1%	1%
	100%	100%	100%

	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Strongly support	51%	55%	50%
Somewhat support	9%	12%	16%
Somewhat oppose	2%	8%	8%
Strongly oppose	32%	23%	21%
Does not matter	1%	2%	4%
Unsure	4%	1%	1%
	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
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	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Support	60%	67%	66%
Oppose	35%	31%	29%
Does not matter	1%	2%	4%
Unsure	4%	1%	1%
	100%	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Strongly support	55%	49%
Somewhat support	13%	13%
Somewhat oppose	6%	7%
Strongly oppose	21%	26%
Does not matter	2%	3%
Unsure	2%	2%
	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Support	68%	63%
Oppose	27%	33%
Does not matter	2%	3%
Unsure	2%	2%
	100%	100%

[The order in which Q2 and Q3 were presented was randomized].

Q2(Science) How *important* is the potential positive *scientific* impact of the Thirty Meter Telescope to your overall *opinion* of the project?

Very important	57%
Somewhat important	14%
Not important	21%
Unsure	8%
Total	100%

Q2 CROSSTABS

	Gender	
	Male	Female
Very important	65%	49%
Somewhat important	13%	16%
Not important	17%	26%
Unsure	5%	10%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Very important	47%	60%
Somewhat important	14%	15%
Not important	33%	17%
Unsure	6%	8%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Very important	57%	68%	49%	39%	65%	28%	60%
Somewhat important	17%	19%	11%	12%	15%	8%	14%
Not important	23%	9%	27%	40%	8%	30%	18%
Unsure	3%	5%	13%	9%	11%	33%	7%
	100%	100%	100%	100%	100%	100%	100%

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Very important	63%	55%	53%	40%	43%
Somewhat important	13%	19%	14%	15%	16%
Not important	18%	20%	25%	27%	41%
Unsure	6%	6%	9%	19%	
	100%	100%	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Very important	59%	59%	58%
Somewhat important	14%	16%	18%
Not important	20%	19%	21%
Unsure	7%	5%	3%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Very important	58%	61%	59%
Somewhat important	11%	23%	14%
Not important	24%	14%	20%
Unsure	8%	3%	7%
	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Very important	51%	59%	62%
Somewhat important	16%	17%	14%
Not important	28%	21%	20%
Unsure	5%	4%	4%
	100%	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Very important	61%	52%
Somewhat important	17%	14%
Not important	19%	23%
Unsure	3%	11%
	100%	100%

Q3(Cultural) How *important* is the potential *negative* impact of the Thirty Meter Telescope on Native Hawaiian cultural *practices* to your overall *opinion* of the project?

Very important	34%
Somewhat important	29%
Not important	27%
Unsure	9%
Total	100%

Q3 CROSSTABS

	Gender	
	Male	Female
Very important	29%	39%
Somewhat important	30%	28%
Not important	33%	22%
Unsure	7%	11%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Very important	57%	25%
Somewhat important	22%	31%
Not important	16%	32%
Unsure	5%	12%
	100%	100%

	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Very important	35%	19%	42%	56%	15%	37%	37%
Somewhat important	30%	44%	25%	18%	20%	34%	23%
Not important	30%	28%	18%	18%	43%	13%	30%
Unsure	5%	8%	15%	8%	22%	16%	11%
	100%	100%	100%	100%	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Very important	30%	40%	39%	47%	23%
Somewhat important	32%	22%	25%	22%	45%
Not important	29%	28%	28%	22%	23%
Unsure	9%	10%	9%	9%	9%
	100%	100%	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Very important	34%	32%	35%
Somewhat important	33%	18%	32%
Not important	24%	41%	27%
Unsure	10%	9%	6%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Very important	40%	32%	25%
Somewhat important	34%	36%	24%
Not important	20%	24%	42%
Unsure	6%	8%	10%
	100%	100%	100%

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Margin of Error +/- 2.7 percentage points
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	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Very important	45%	34%	36%
Somewhat important	27%	31%	29%
Not important	21%	28%	28%
Unsure	7%	7%	8%
	100%	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Very important	31%	38%
Somewhat important	35%	22%
Not important	28%	28%
Unsure	6%	12%
	100%	100%

Q4(Protests) Since it was announced earlier this month that construction on the Thirty Meter Telescope would begin, opponents of the telescope have held major protests, blocking an access road and preventing the project from going forward. Do you generally *support* or *oppose* the protests against the Thirty Meter Telescope?

Strongly support	31%
Somewhat support	12%
Somewhat oppose	22%
Strongly oppose	28%
Does not matter	4%
Unsure	2%
Total	100%

	Combined
Support	43%
Oppose	50%
Does not matter	4%
Unsure	2%
Total	100%

Q4 CROSSTABS

	Gender	
	Male	Female
Strongly support	26%	36%
Somewhat support	12%	13%
Somewhat oppose	21%	23%
Strongly oppose	35%	22%
Does not matter	5%	3%
Unsure	1%	3%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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Fielded August 1 – 3, 2019

	Gender	
	Male	Female
Support	38%	49%
Oppose	56%	45%
Does not matter	5%	3%
Unsure	1%	3%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Strongly support	52%	22%
Somewhat support	13%	12%
Somewhat oppose	16%	25%
Strongly oppose	14%	34%
Does not matter	4%	4%
Unsure	1%	3%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Support	65%	34%
Oppose	30%	59%
Does not matter	4%	4%
Unsure	1%	3%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
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	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Strongly support	36%	14%	35%	46%	8%	54%	30%
Somewhat support	14%	9%	14%	11%	12%	15%	13%
Somewhat oppose	20%	31%	16%	16%	23%	3%	24%
Strongly oppose	27%	43%	14%	22%	40%	17%	30%
Does not matter	2%	2%	12%	4%	7%	11%	2%
Unsure	1%	1%	8%		10%		3%
	100%	100%	100%	100%	100%	100%	100%

	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/ Mixed
Support	50%	23%	49%	58%	20%	69%	42%
Oppose	47%	74%	30%	38%	64%	20%	53%
Does not matter	2%	2%	12%	4%	7%	11%	2%
Unsure	1%	1%	8%		10%		3%
	100%	100%	100%	100%	100%	100%	100%

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Strongly support	26%	34%	31%	45%	28%
Somewhat support	11%	14%	14%	12%	15%
Somewhat oppose	23%	21%	19%	23%	18%
Strongly oppose	32%	25%	29%	13%	28%
Does not matter	5%	2%	4%	1%	9%
Unsure	1%	4%	2%	5%	2%
	100%	100%	100%	100%	100%

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Support	38%	48%	45%	57%	44%
Oppose	56%	47%	48%	36%	46%
Does not matter	5%	2%	4%	1%	9%
Unsure	1%	4%	2%	5%	2%
	100%	100%	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	Party		
	Democrat	Republican	Independent
Strongly support	30%	27%	32%
Somewhat support	12%	15%	13%
Somewhat oppose	27%	15%	19%
Strongly oppose	26%	39%	29%
Does not matter	3%	4%	5%
Unsure	2%	0%	2%
	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Support	42%	42%	44%
Oppose	53%	54%	49%
Does not matter	3%	4%	5%
Unsure	2%	0%	2%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Strongly support	37%	23%	26%
Somewhat support	14%	12%	14%
Somewhat oppose	24%	23%	17%
Strongly oppose	23%	34%	38%
Does not matter	1%	6%	4%
Unsure	1%	2%	1%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Support	51%	35%	40%
Oppose	47%	57%	55%
Does not matter	1%	6%	4%
Unsure	1%	2%	1%
	100%	100%	100%

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Fielded August 1 – 3, 2019

	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Strongly support	40%	30%	31%
Somewhat support	10%	14%	15%
Somewhat oppose	23%	23%	18%
Strongly oppose	24%	31%	34%
Does not matter	3%	3%	2%
Unsure	2%	1%	
	100%	100%	100%

	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Support	49%	43%	47%
Oppose	46%	53%	52%
Does not matter	3%	3%	2%
Unsure	2%	1%	
	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	CollegeDeg	
	College Degree	No College Degree
Strongly support	28%	33%
Somewhat support	14%	11%
Somewhat oppose	20%	24%
Strongly oppose	35%	25%
Does not matter	2%	6%
Unsure	2%	2%
	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Support	42%	44%
Oppose	54%	48%
Does not matter	2%	6%
Unsure	2%	2%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

Q5(IgeLead) Do you generally have a *positive* or *negative* opinion of Governor David Ige's leadership regarding the Thirty Meter Telescope and Mauna Kea

Positive	21%
Negative	53%
Unsure	26%
Total	100%

Q5 CROSSTABS

	Gender	
	Male	Female
Positive	24%	19%
Negative	53%	54%
Unsure	23%	28%
	100%	100%

	Age_Grp	
	Under 50	50 or older
Positive	13%	24%
Negative	65%	49%
Unsure	23%	27%
	100%	100%

	Race_Eth_Ancestry						
	Caucasian	Japanese	Filipino	Hawaiian	Chinese	Hispanic	Other/Mixed
Positive	19%	29%	31%	17%	12%	20%	18%
Negative	61%	49%	47%	66%	47%	24%	50%
Unsure	20%	22%	22%	17%	41%	56%	32%
	100%	100%	100%	100%	100%	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	County_CD				
	Oahu_1	Oahu_2	Hawaii	Maui	Kauai
Positive	22%	22%	21%	17%	17%
Negative	53%	55%	58%	47%	47%
Unsure	25%	22%	21%	36%	36%
	100%	100%	100%	100%	100%

	Party		
	Democrat	Republican	Independent
Positive	23%	24%	17%
Negative	53%	58%	52%
Unsure	23%	18%	30%
	100%	100%	100%

	Politics		
	Liberal/progressive	Moderate	Conservative
Positive	19%	26%	19%
Negative	58%	50%	62%
Unsure	23%	23%	19%
	100%	100%	100%

	Income		
	Less than \$50,000	\$50,000 - \$100,000	\$100,000 or more
Positive	21%	21%	20%
Negative	53%	63%	62%
Unsure	25%	16%	18%
	100%	100%	100%

	CollegeDeg	
	College Degree	No College Degree
Positive	19%	25%
Negative	62%	48%
Unsure	19%	27%
	100%	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

Demographics (weighted)

	Gender
Male	49%
Female	51%
Total	100%

	Age Group
Under 50	30%
50 or older	70%
Total	100%

	Race/Ethnicity/Ancestry
Caucasian	28%
Japanese	20%
Filipino	11%
Hawaiian	12%
Chinese	6%
Hispanic	3%
Other/Mixed	21%
Total	100%

	County/Congressional District
Oahu_1	52%
Oahu_2	17%
Hawaii	15%
Maui	11%
Kauai	6%
Total	100%

Representative Sample of 1,367 Registered Voters Statewide
Margin of Error +/- 2.7 percentage points
Fielded August 1 – 3, 2019

	Party I.D.
Democrat	49%
Republican	19%
Independent	27%
Unsure	5%
Total	100%

	Political Ideology
Liberal/progressive	27%
Moderate	28%
Conservative	24%
Unsure	21%
Total	100%

	Annual Household Income
Less than \$50,000	22%
\$50,000 - \$100,000	34%
\$100,000 or more	22%
No response	22%
Total	100%

	College Degree
College Degree	48%
No College Degree	45%
No response	7%
Total	100%

About the Poll

Civil Beat surveyed a random sample of 1,367 registered voters statewide. Calls were made from August 1 – 3, 2019, using interactive voice response technology (touch-tone polling). Cell phones were contacted by live-call agents who obtained consent and then patched consenting participants through to the same recorded survey as landline respondents. Twenty percent of the participants were contacted via cell phone, and then their responses were weighted to account for 40% of the final results.

Results were also balanced for gender, age, ancestry/ethnicity/race, county and Congressional District of residence, and education.

The overall margin of error is +/- 2.7 percentage points. Other sources of error, such as imperfect response rates and design effect (the effect of weighting results based on demographics) are also common in public opinion research and may affect the results. The adjusted margin of error, accounting for the design effect is +/- 3.8 percentage points. The margin of error for any crosstabulated result is larger than the margin of error of the corresponding topline result.

This poll included an oversample of residents of the Big Island (Hawaii County). An oversample is used to provide more accurate estimates for key subgroups of interest (in this case, Hawaii County residents). An oversample does not materially affect the overall results of the poll (the topline). A total of 628 Hawaii County residents were contacted, resulting in a margin of error of +/- 3.9 percentage points for Hawaii County crosstab results. The margin of error for crosstab results of Native Hawaiians, 213 of whom completed the poll, is +/- 6.7 percentage points.

Some columns may sum to totals slightly higher or lower than 100% due to rounding.

The poll was conducted by Civil Beat working with MRG Research, a public opinion research organization specializing in issues and candidate polling, message testing, and persuasive communications.